

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/078080 A1

- (51) International Patent Classification⁷: C12N 9/16 (74) Agent: PHILLIPS ORMONDE & FITZPATRICK; 367 Collins Street, Melbourne, VIC 3000 (AU).
- (21) International Application Number: PCT/AU2005/000218 (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 18 February 2005 (18.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2004900790 18 February 2004 (18.02.2004) AU
- (71) Applicants (*for all designated States except US*): **THE QUEEN ELIZABETH HOSPITAL RESEARCH FOUNDATION INC.** [AU/AU]; 50 Woodville Road, Woodville South, S.A. 5011 (AU). **ADELAIDE RESEARCH & INNOVATION PTY LTD** [AU/AU]; Level 11, 10 Pulteney Street, Adelaide, S.A. 5005 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **JANNES, Jim** [AU/AU]; 8 Cambrook Avenue, Underdale, S.A. 5032 (AU). **HAMILTON-BRUCE, Monica, Anne** [AU/AU]; PO Box 301, Woodville South, S.A. 5011 (AU). **KOBLAR, Simon** [AU/AU]; 33 East Avenue, Millswood, S.A. 5034 (AU).
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: MUTATION ASSOCIATED WITH LACUNAR STROKES

(57) Abstract: The present invention relates to a method of identifying a subject predisposed to lacunar stroke. The method includes the step of identifying in the subject the presence of a thymine to cytosine mutation at position -107 in both alleles of the paraoxonase 1 locus.

WO 2005/078080 A1